

B2 sequence (SEQ ID NO:1) and amino acid sequence (SEQ ID NO:2) of human glucocerebrosidase; Beutler et al. (1992) Genomics 12(4):795-800). --

In the claims:

Cancel claims 107 and 108.

Please amend claims 105 and 139 as follows:

B3
MC 105. (Amended) A method of producing a high mannose glucocerebrosidase (hmGCB) preparation, comprising:

providing a cell which is capable of expressing a human glucocerebrosidase (GCB);
contacting the cell with kifunensine such that the removal of at least one mannose residue distal to the pentasaccharide core of the precursor oligosaccharide of GCB is prevented;
allowing the cell to produce hmGCB; and
harvesting the hmGCB from the cell or its culture media, to thereby produce an hmGCB preparation.

B4
MC 139. (Amended) A method of producing high mannose glucocerebrosidase (hmGCB), comprising:

providing a human cell into which a nucleic acid sequence comprising an exogenous regulatory sequence has been introduced such that the regulatory sequence regulates the expression of an endogenous GCB coding region;
contacting the cell with a substance which prevents the removal of at least one mannose residue distal to the pentasaccharide core of a precursor oligosaccharide of GCB; and
allowing the cell to produce hmGCB, to thereby produce an hmGCB preparation.
